

Abstract

The present invention disclosed the pyrazolopyrimidinethione derivatives, salts and solvates thereof, preparation methods and use thereof. The pyrazolopyrimidinethione derivatives according to 5 the present invention possess the structure of general formula I, wherein, R₁, R₂, R₃, and R₄ represent alkyl, alkenyl, or aryl; R₅ represents hydrogen, alkyl, alkenyl, alkoxy, cycloalkyloxy, aryl, or alkylacyl; and R₆ represents hydrogen, alkyl, alkenyl, cycloalkyloxy, or alkylacyl. The pharmaceuticals containing the compound of the present invention and used for the treatment of impotence and sexlessness have the advantages of high selectivity over PDE V, long action time, and less side 10 reactions, and the pharmaceuticals will arouse no side reactions of blood pressure decreasing and heart rate increasing, and it has broad market project.

